

**Certificate of Analysis
GM501 Gradient 45%**

Batchnumber	GRAD45-2138
Production date	23 November 2021
Expiry date	31 May 2023
Total volume (mL)	16300

	Results	Specifications
pH	7,4	7,20-7,60
Osmolality	323	310-340 mOsm/kg
Bacterial screen	PASSED	PASSED
Fungal screen	PASSED	PASSED
Endotoxin	< 0,1	< 0,50 EU/mL
Sperm survival Test (4 hours exposure)	97	≥ 80 %
Sperm survival Test (24 hours exposure)	96	≥ 75 %

Release date	08 December 2021
Released by	Dr. Julia Heinzmann

Signature

p.p. Julia Heinzmann